

## **DRIVE CLIQ CABLE**

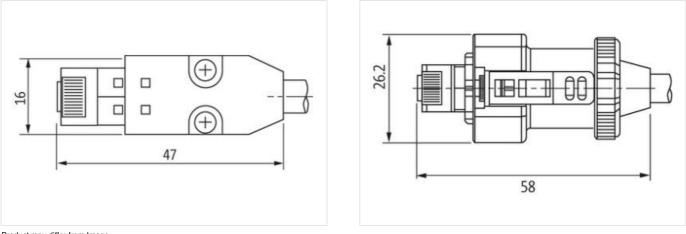
Specification: 6FX8002-2DC10-1BJ0

DRIVE-CLiQ signal cable for SINAMICS S120 and motors with DC 24 V wires Male straight – male straight DRIVE-CLiQ IP67 – DRIVE CLiQ IP20 Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration





Product may differ from Image

Cable length	18 m	
Side 1		
Mounting method	pluggable	
Family construction form	RJ45	
Side 2		
Mounting method	pluggable	
Commercial data		
ECLASS-6.0	27061801	

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ECLASS-7.0	27061801
ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC000830
customs tariff number	85444210
GTIN	4048879479080
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating current max.	1,76 A
	1,101
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP20, IP67
Pollution Degree	3
Rated surge voltage	0,5 kV
Material group (IEC 60664-1)	II
Mechanical data   Mounting data	
Looking techniques	DRIVE-CLiQ
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Important installation notes Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
•	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on strain relief Note on bending radius Installation   Cable	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
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Note on strain relief Note on bending radius Installation   Cable wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. green, yellow, pink, blue, red, black 880
Note on strain relief Note on bending radius Installation   Cable wire arrangement Cable identification Jacket Color	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green
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Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2
Note on strain relief Note on bending radius Installation   Cable wire arrangement Cable identification Jacket Color Amount stranding Stranding	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket         Outer-diameter (jacket)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR         6,9 mm
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket         Outer-diameter (jacket)         Tolerance outer diameter (sheath)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR         6,9 mm         ± 5 %
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR         6,9 mm         ± 5 %         Polyolefin
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR         6,9 mm         ± 5 %         Polyolefin         4
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Conductor crosssection (wire)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR         6,9 mm         ± 5 %         Polyolefin         4         0,2 mm <sup>2</sup>
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Conductor crosssection (wire)         Material wire insulation (Data)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR         6,9 mm         ± 5 %         Polyolefin         4         0,2 mm²         Polyolefin
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Conductor crosssection (wire)         Material wire insulation (Data)         Amount wires (Data)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR         6,9 mm         ± 5 %         Polyolefin         4         0,2 mm²         Polyolefin         2
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Conductor crosssection (wire)         Material wire insulation (Data)         Amount wires (Data)         Conductor crosssection wire (Data)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR         6,9 mm         ± 5 %         Polyolefin         4         0,2 mm²         Polyolefin         2         0,38 mm²
Note on strain relief         Note on bending radius         Installation   Cable         wire arrangement         Cable identification         Jacket Color         Amount stranding         Stranding         Stranding (type 2)         Cable shielding (type)         Cable shielding (coverage)         wire arrangement         Cable weigth         Material jacket         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material wire insulation         Amount wires         Conductor crosssection (wire)         Material wire insulation (Data)         Amount wires (Data)         Conductor crosssection wire (Data)         Min. operating temperature (static)	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         green, yellow, pink, blue, red, black         880         green         2         2 wires twisted         2 wires around Stranding combination twisted         copper braiding, bare         85 %         green, yellow, pink, blue, red, black         75,9 g/m         PUR         6,9 mm         ± 5 %         Polyolefin         4         0,2 mm²         Polyolefin         2         0,38 mm²         -20 °C

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Operating temperature max. (dynamic)	60 °C
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	5 Mio.
Torsion stress	± 30 °/m

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